

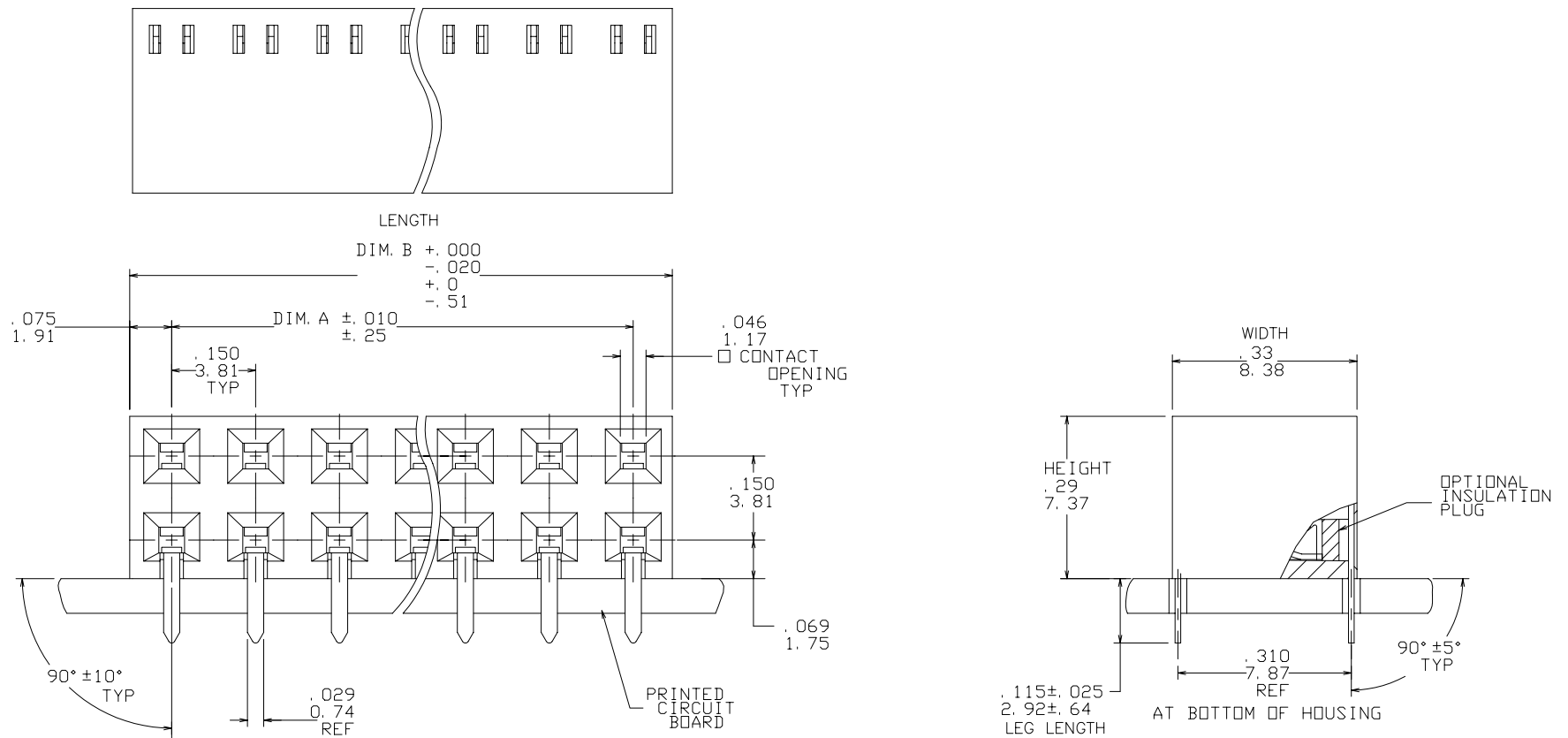


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PRODUCT NO

SEE TABLE



mat'l. code				surface		tolerance		projection		product family					
-				ISO 1302		ISO 406		ISO 1101		CARD CONN					
ltr	ecn no	dr	date	tolerances unless otherwise specified						title					
F	CHG NOTE	JGS	4/9/90	angles	linear	.XX ±.01/.3				BERGCON HORIZ. C.C.					
G	V61641	LSS	12/2/96			.XXX ±.005/.13				DOUBLE ROW, .150/3.81					
H	V70996	JM	10/19/97	0° ±2'		.XXX ±.0020/.05				scale 4:1					
J	v02518	MDF	10/26/00	dr	J. SHREINER	4/9/90				dwg no					
K	M05-0181	MHT	9/05/05	enr	M. HAHN	4/9/90				sheet 1 of 6 size					
L	M06-0117	AEA	06/26/06	chr	M. HAHN	4/9/90				66948					
				appd	M. HAHN	4/9/90				A3					
sheet		revision		L	L	L	L	L	L	type					
index		sheet		1	2	3	4	5	6	Product Customer Drawing					

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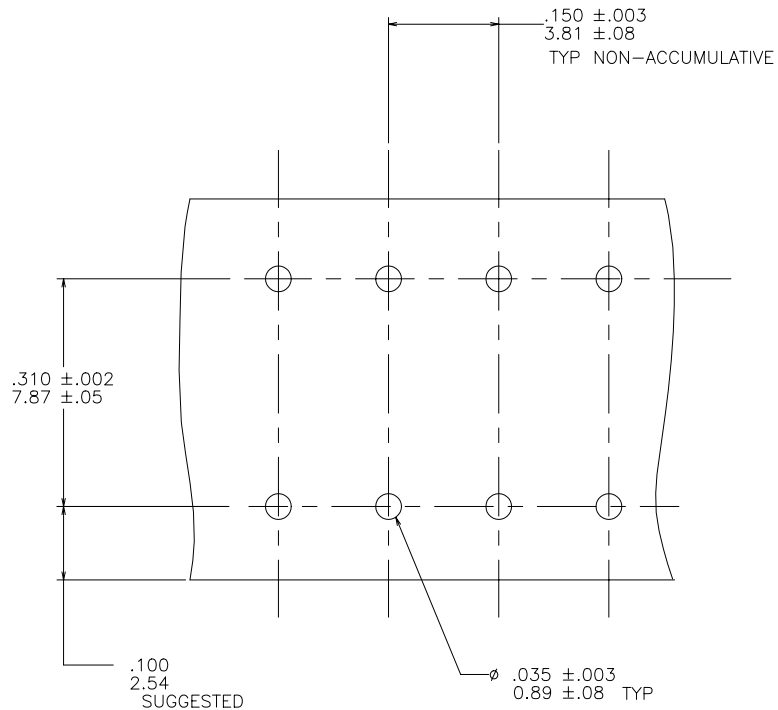


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NOTES.

- ①. HOUSING MATERIAL: FILLED HIGH TEMPERATURE NYLON
COLOR: BLACK
- ②. TERMINAL MATERIAL:
BODY: BRASS .010/.25 THICK.
SPRING: BE-CU. HEAT TREATED
BODY PLATING:
15u"/.38u GOLD OVER 50u"/1.27u NICKEL IN
CONTACT AREA.
SPRING PLATING: GOLD FLASH
3. APPLICATION INFORMATION.
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN AT LEFT.
B. ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER
OF GIVEN TERMINAL SPACINGS WITHIN .015/.38 DIA.
C. SUGGESTED MATING PIN LENGTH $.350 \pm .020/8.89 \pm .51$.
- ④. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD
FREE OPTION.
- ⑤. THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
6. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 20 SECONDS IN A WAVE SOLDER, INFRA-RED OR VAPOR PHASE
SOLDER PROCESS.

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302 ✓	ISO 406 ISO 1101	INCH/MM	CARD CONN
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
L					linear	scale 4:1	BERGCON HORIZ. C.C. DOUBLE ROW, .150/3.81
					angles		dwg no
					0°±2'		sheet 2 of 6 size
					dr	J. SHREINER	4/9/90
					enr	M. HAHN	4/9/90
					chr	M. HAHN	4/9/90
					appd	M. HAHN	4/9/90
sheet	revision						type
index	sheet						Product Customer Drawing

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PRODUCT NO.	N. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
66948-001	2X1	.00/.0	.150/3.81	NO	NOTE 5,6
-002	2X2	.150/3.81	.300/7.62	NO	
-003	2X3	.300/7.62	.450/11.43		
-004	2X4	.450/11.43	.600/15.24		
-005	2X5	.600/15.24	.750/19.05		
-006	2X6	.750/19.05	.900/22.86		
-007	2X7	.900/22.86	1.050/26.67		
-008	2X8	1.050/26.67	1.200/30.48		
-009	2X9	1.200/30.48	1.350/34.29		
-010	2X10	1.350/34.29	1.500/38.10		
-011	2X11	1.500/38.10	1.650/41.91		
-012	2X12	1.650/41.91	1.800/45.72		
-013	2X13	1.800/45.72	1.950/49.53		
-014	2X14	1.950/49.53	2.100/53.34		
-015	2X15	2.100/53.34	2.250/57.15		
-016	2X16	2.250/57.15	2.400/60.96		
-017	2X17	2.400/60.96	2.550/64.77		
-018	2X18	2.550/64.77	2.700/68.58		
-019	2X19	2.700/68.58	2.850/72.39		
-020	2X20	2.850/72.39	3.000/76.20		
-021	2X21	3.000/76.20	3.150/80.01		
-022	2X22	3.150/80.01	3.300/83.82		
-023	2X23	3.300/83.82	3.450/87.63		
-024	2X24	3.450/87.63	3.600/91.44		
-025	2X25	3.600/91.44	3.750/95.25		
-026	2X26	3.750/95.25	3.900/99.06		
-027	2X27	3.900/99.06	4.050/102.87		
-028	2X28	4.050/102.87	4.200/106.68		
-029	2X29	4.200/106.68	4.350/110.49		
-030	2X30	4.350/110.49	4.500/114.30		
-031	2X31	4.500/114.30	4.650/118.11		
-032	2X32	4.650/118.11	4.800/121.92		
-033	2X33	4.800/121.92	4.950/125.73		
-034	2X34	4.950/125.73	5.100/129.54		
-035	2X35	5.100/129.54	5.250/133.35		
-036	2X36	5.250/133.35	5.400/137.16		
-037	2X37	5.400/137.16	5.550/140.97		
-038	2X38	5.550/140.97	5.700/144.78		
-039	2X39	5.700/144.78	5.850/148.59		
66948-040	2X40	5.850/148.59	6.000/152.40	NO	NOTE 5,6

UNASSIGNED

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302 ✓	ISO 406 ISO 1101		CARD CONN
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 4:1 	title
L					angles linear .XX±.01/.3		BERGCON HORIZ. C.C.
					0'±2' .XXX ±.005/.13		DOUBLE ROW,.150/3.81
					.XXXX ±.0020/.051		dwg no sheet3 of 6 size
				dr	J. SHREINER 4/9/90		66948 A3
				enr	M. HAHN 4/9/90		
				chr	M. HAHN 4/9/90		
				appd	M. HAHN 4/9/90		
sheet index	revision sheet						type Product Customer Drawing

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PRODUCT NO.	N. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
66948-501	2X1	.00/.0	.150/3.81	YES	NOTE 5,6
-502	2X2	.150/3.81	.300/7.62	YES	
-503	2X3	.300/7.62	.450/11.43		
-504	2X4	.450/11.43	.600/15.24		
-505	2X5	.600/15.24	.750/19.05		
-506	2X6	.750/19.05	.900/22.86		
-507	2X7	.900/22.86	1.050/26.67		
-508	2X8	1.050/26.67	1.200/30.48		
-509	2X9	1.200/30.48	1.350/34.29		
-510	2X10	1.350/34.29	1.500/38.10		
-511	2X11	1.500/38.10	1.650/41.91		
-512	2X12	1.650/41.91	1.800/45.72		
-513	2X13	1.800/45.72	1.950/49.53		
-514	2X14	1.950/49.53	2.100/53.34		
-515	2X15	2.100/53.34	2.250/57.15		
-516	2X16	2.250/57.15	2.400/60.96		
-517	2X17	2.400/60.96	2.550/64.77		
-518	2X18	2.550/64.77	2.700/68.58		
-519	2X19	2.700/68.58	2.850/72.39		
-520	2X20	2.850/72.39	3.000/76.20		
-521	2X21	3.000/76.20	3.150/80.01		
-522	2X22	3.150/80.01	3.300/83.82		
-523	2X23	3.300/83.82	3.450/87.63		
-524	2X24	3.450/87.63	3.600/91.44		
-525	2X25	3.600/91.44	3.750/95.25		
-526	2X26	3.750/95.25	3.900/99.06		
-527	2X27	3.900/99.06	4.050/102.87		
-528	2X28	4.050/102.87	4.200/106.68		
-529	2X29	4.200/106.68	4.350/110.49		
-530	2X30	4.350/110.49	4.500/114.30		
-531	2X31	4.500/114.30	4.650/118.11		
-532	2X32	4.650/118.11	4.800/121.92		
-533	2X33	4.800/121.92	4.950/125.73		
-534	2X34	4.950/125.73	5.100/129.54		
-535	2X35	5.100/129.54	5.250/133.35		
-536	2X36	5.250/133.35	5.400/137.16		
-537	2X37	5.400/137.16	5.550/140.97		
-538	2X38	5.550/140.97	5.700/144.78		
-539	2X39	5.700/144.78	5.850/148.59		
66948-540	2X40	5.850/148.59	6.000/152.40	YES	NOTE 5,6

mat'l. code				surface	tolerance	projection	product family			
-				ISO 1302	ISO 406 ISO 1101		CARD CONN			
ltr	ecn	no	dr	date	tolerances unless otherwise specified		INCH/MM	title		
L					angles	linear		BERGCON HORIZ. C.C.		
					0°±2'	.XXX ±.005/.13 .XXXX ±.0020/.05		DOUBLE ROW,.150/3.81		
					dr	J. SHREINER 4/9/90	scale 4:1		dwg no	sheet5 of 6 size
					enr	M. HAHN 4/9/90	FCI		66948	
					chr	M. HAHN 4/9/90			A3	
					appd	M. HAHN 4/9/90				
sheet index	revision sheet							type	Product	Customer Drawing

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PRODUCT NO.	N. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
66948-541	2X41	6.000/152.40	6.150/156.21	YES	NOTE 5,6
66948-542	2X42	6.150/156.21	6.300/160.02	YES	
66948-543	2X43	6.300/160.02	6.450/163.83	YES	

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302 ✓	ISO 406 ISO 1101	 INCH/MM scale 4:1 	CARD CONN
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
L					angles linear 0°±2'		BERGCON HORIZ. C.C. DOUBLE ROW,.150/3.81
					.XX±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051		
				dr	J. SHREINER	4/9/90	dwg no
				enr	M. HAHN	4/9/90	sheet 6 of 6 size
				chr	M. HAHN	4/9/90	66948 A3
				appd	M. HAHN	4/9/90	type Product Customer Drawing
sheet index	revision sheet						

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